

ABSTRACT

[0038] A bootstrap program is loaded into an area of memory previously occupied by a run time program in a service module. The bootstrap program is loaded after the service module is reset due to an error. The service module does not have a persistent storage. The bootstrap program captures a memory image of the memory. The captured memory image of the memory is compressed and transferred to a control module to be stored in a persistent storage of the control module. The control module receives captured memory images from one or more service modules.